WHAT IS CLAIMED IS:

1. A storage medium storing a program for making a living party computer, which holds a disk management information buffer adapted to store physical device names of volumes stored in a disk device and volume identifiers by making the correspondence between the physical device names and the volume identifiers, function as;

a monitor section for detecting that the execution of a replica corresponding to a volume is completed in said disk device; and

a party switchover section responsive to the result of the detection in said monitor section to determine transmission, to a standby party computer, of a notice for informing said standby party computer that a volume identifier stored in said volume subjected to the execution of the replica is changed, and

said storage medium making said standby party computer, which holds a disk management information buffer adapted to store physical device names of volumes and volume identifiers by making the correspondence between the physical device names and the volume identifiers and a replica status management table adapted to manage a status concerning the presence or absence of a volume identifier, function as a party switchover section for executing:

a first process in which when said notice to the effect that said volume identifier stored in said

volume is changed is received from said living party computer, a first flag is stored in said replica status management table in correspondence with said physical device name of said volume;

a second process in which said volume identifier stored in said volume is acquired in accordance with the decision result as to whether said first flag is stored in said replica status management table in correspondence with said physical device name and said acquired volume identifier is stored in said management information buffer in correspondence with said physical device name of said volume; and

a third process in which when said second process is completed, said first flag stored in said replica status management table in correspondence with said physical device name is erased.

2. A party switchover method in a computer system having a living party computer, a standby party computer for taking over processes of said living party computer and a disk device for storing volumes shared by said living party computer and said standby party computer, comprising:

a first step of causing said first computer to decide whether a volume identifier stored in a volume is changed; and

a second step of causing said first computer to determine, in accordance with the result of said decision, transmission to said second computer of a

notice to the effect that said volume identifier is changed.

3. A party switchover method according to claim 2 further comprising a third step of causing said first computer to transmit to said second computer, in accordance with the result of said decision in said first step, a physical device name of a copy volume whose volume identifier is changed.

4. A party switchover method according to claim 3, wherein said second computer has a buffer holding a table for storing physical device names of volumes and volume identifiers by making the correspondence between said physical device names and said volume identifiers, said method further comprising a fourth step of causing said first computer to decide, in accordance with the result of said decision in said first step, whether information is transmitted to said second computer, said information being adapted to designate a method of changing said volume identifier stored in said buffer in correspondence with said physical device name transmitted to said second computer.

5. A party switchover method according to claim 4, wherein said information adapted to designate the change method in said fourth step includes a designation as to whether said volume identifier stored in said buffer is to be erased.

6. A party switchover method according to claim 4, wherein each of said first and second computers

holds a table for storing physical device names of volumes and flags indicative of statuses concerning the presence or absence of changes of volume identifiers of said volumes by making the correspondence between said physical device names and said flags, said method comprising:

a step of causing said first computer to store, when a volume identifier stored in a volume is determined to be changed, a first flag in said table in correspondence with a physical device name of said volume; and

a step of causing said second computer to store, when a volume identifier of a volume stored in said buffer is changed, a second flag in said table in correspondence with a physical device name of said volume.

7. A party switchover method according to claim 4, wherein each of said first and second computers holds a table for storing physical device names of volumes and flags indicative of statuses concerning the presence or absence of changes of volume identifiers of said volumes by making the correspondence between said physical device names and said flags, said method comprising:

a step of causing said second computer to decide whether a first flag is stored and a second flag is not stored in said table in correspondence with a physical device name; and

a step of causing said second computer to decide, in accordance with the result of said decision, whether a volume identifier stored in said buffer in correspondence with said physical device name is to be changed.

8. A first computer connected to a memory unit including volumes shared by said first computer and a second computer, comprising:

a monitor section for detecting that a volume identifier stored in a volume is changed; and

a party switchover section for determining, in accordance with the result of said decision, transmission to said second computer of a notice to the effect that said volume identifier is changed.

9. A first computer according to claim 8, wherein said party switchover section determines, in accordance with the result of detection of said changed volume identifier of said volume, transmission to said second computer of a physical device name of a copy volume whose volume identifier is changed.

10. A first computer according to claim 9, wherein said party switchover section determines, in accordance with the detection results by said party switchover section, transmission to said second computer of information for designating a method of changing said volume identifier stored in said buffer held by said second computer in correspondence with said physical device name determined to be transmitted

to said second computer.

11. A first computer according to claim 10, wherein said information for designating the change method includes a designation as to whether said volume identifier stored in said buffer is to be erased.

12. A computer system having the first and second computers as recited in claim 10,

wherein each of said first and second computers holds a table for storing physical device names of volumes and flags indicative of statuses concerning the presence or absence of changes of volume identifiers of said volumes;

wherein said party switchover section is adapted to store, in accordance with the result of detection that a volume identifier stored in a volume is changed by means of said monitor section, a first flag in said table in correspondence with a physical device name of said volume; and

wherein said second computer has a second party switchover section which, when a volume identifier of a volume stored in said buffer is changed, stores a second flag in said table in correspondence with a physical device name of said volume.

13. A second computer connected to a first computer according to claim 10, comprising:

a table for storing physical device names of volumes and flags indicative of statuses concerning the

presence or absence of changes of volume identifiers of said volumes by making the correspondence between said physical device names and said flags; and

a second party switchover section for deciding whether a first flag is stored and a second flag is not stored in said table in correspondence with a physical device name, and determining, in accordance with the result of said decision, whether a volume identifier stored in said buffer in correspondence with said physical device name is to be changed.